



### UNITED STATES PATENT AND TRADEMARK OFFICE

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## NOTICE OF ALLOWANCE AND FEE(S) DUE

24923

7590

11/10/2003

PAUL S MADAN MADAN, MOSSMAN & SRIRAM, PC 2603 AUGUSTA, SUITE 700 HOUSTON, TX 77057-1130

EXA	MINER
RAEVIS	, ROBERT R
ART UNIT	PAPER NUMBER

2856 DATE MAILED: 11/10/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/914,422	11/14/2001	Glen Ragan	IO-1014US	5382

TITLE OF INVENTION: CALIBRATION OF SENSORS

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	02/10/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 746-4000

or Fax

4a. The following fcc(s) are enclosed:  4b. Payment of Fec(s):  A check in the amount of the fec(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).  Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  (Authorized Signature)  (Date)  NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or a ugent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450.  Department of Total Patents, Alexandria, Virginia 22313-1450.	maintenance fee notification	ns.				ired). Blocks 1 through 4 s will be mailed to the current ; and/or (b) indicating a sep-	
PAUL S MADAN MADAN, MOSSMAN & SRIRAM, PC 2603 AUGUSTA, SUITE 700 HOUSTON, TX 77057-1130  Thereby certify that this Feed j Transmisted is being deposited with the United States Footal Service with sufficient postage for first class main an envelope memorised to the USPTO, on the date indicated below.  (Deposition same) (Deposition same			p with any corrections or us	se Block 1)	Note: A certificate of Fee(s) Transmittal. The papers. Each addition	mailing can only be used fais certificate cannot be used al paper, such as an assignment	or domestic mailings of the for any other accompanying ent or formal drawing, must
APPLICATION NO. ITLING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONTRINATION NO.  1009/14-422 11/14/2001 Glen Ragan IO-10/14US 5382  TITLE OF INVENTION: CALIBRATION OF SENSORS  APPLN TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE  nonprovisional NO \$1330 \$0 \$1330 02/10/2004  EXAMINER ART UNIT CLASS-SUICLASS  1. Change of correspondence address or indication of "Fee Address" (37)  1. Change of correspondence address or indication of "Fee Address" (37)  1. Change of correspondence address (or Chang	PAUL S MADA MADAN, MOSSN 2603 AUGUSTA,	N MAN & SRIRAM, PC SUITE 700			Ce I hereby certify that the States Postal Service addressed to the Ma	rtificate of Mailing or Trans nis Fee(s) Transmittal is bein with sufficient postage for fit I Stop ISSUE FEE address	smission  g deposited with the United  rst class mail in an envelope above, or being facsimile
APPLICATION NO. HLING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO CONFIRMATION NO.  09914.422 1/1/4/201 Glen Ragan 10-1014US 5382  TITLE OF INVENTION: CALIBRATION OF SENSORS  APPLN TYPE SMALL ENTITY ISSUE HE! PUBLICATION FIRE TOTAL FERSIDUE DATE DUE nonprovisional NO \$1330 S0 \$1330 02/10/2004  EXAMINER ART UNIT CLASS-SUBICLASS 073-00/1585	110001011, 1117	, , , , , , , , , , , , , , , , , , , ,					(Depositor's name)
APPLICATION NO. PILING DATE FIRST NAMED INVINTOR ATTORNEY DOCKET NO. CONTRMATION NO. 09/914/422 11/14/2001 Glen Ragan TO-1014US 5382  TITLE OF INVENTION: CALIBRATION OF SENSORS  APPLN TYPE SMALL ENTITY ISSUE PEE: PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1330 \$0 \$1330 02/10/2004  EXAMINER ARTUNIT CLASS-SURCLASS  RAEVIS, ROBERT R 2856 073-00/1850  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.54).  CICRL 1.50.)  CICRL 1.50.)  CICRL 1.50.)  CICRL 1.50.  CICRL							(Signature)
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APPLN TYPE SMALL ENTITY ISSUE FEE: PUBLICATION FEE: TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1330 \$9 \$1330 02/10/2004  EXAMINER ART UNIT CLASS-SURCLASS  RAEVIS, ROBERT 2856 073-001850  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563)  — Change of correspondence address or indication of "Tee Address" (37 CFR 1.563)  — Change of correspondence address or change of Correspondence Address from PTO/SB1/22) alunched 19 Correspondence Address from PTO/SB1/22) alunched 19 Correspondence Address from PTO/SB1/22) alunched 19 Correspondence address or indication for "Tee Address" indication for "Tee Address indication for "Tee A	APPLICATION NO.	FILING DATE	FU	RST NAMED IN	VENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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RAEVIS, ROBERT R 2856 073-001850  1. Change of correspondence address or indication of "Fee Address" (37 CPR 1.59).  1. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or large of Correspondence Address from PTO/SB/122) attached.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PI.E.ASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  Please check the appropriate assignee category or categories (will not be printed on the patent):  Disector of Patents is requested to apply the Issue Fee and Publication Fee Publication Fee Publication Fee Publication Fee Publication Fee Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered state from any or expension of the from anyone other than the applicant; a registered attemey or agents. If no name is listed, no name is listed, no name is listed, no name is listed, no name assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  Please check the appropriate assignee category or categories (will not be printed on the patent):  Discourage of the printed propriate assignee category or categories (will not be printed on the patent):  Discourage of the patent propriate assignee category or categories (will not be printed on the patent):  Discourage of the patent propriate assignee category or categories (will not be printed on the patent):  Discourage of the printed propriate assignee category or categories (will not be printed).  Discourage of the printed propr	APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
RAEVIS, ROBERT R  2856  073-001850  1. Change of correspondence address or indication of "Fee Address" (37 CPR 1.59).  2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or large of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  3. Fee Address" indication of "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PI.E.ASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent):  1. I saw Fee  1. Payment of Fee(s):  1. A check in the amount of the fee(s) is enclosed.  1. Payment of Fee(s):  1. A check in the amount of the fee(s) is enclosed.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  1. Payment by recidi card. Form PTO-2038 is attached.  2. Payment by recidi card. Form PTO-2038 is attached.  3. Payment by recidi card. Form PTO-2038 is attached.  3. Payment by recidi card. Form PTO-2038 is attached.  4. Payment of the pay	nonprovisional	NO	\$1330		\$0	\$1330	02/10/2004
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CFR 1.363).  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent);	RAEVIS, I	ROBERT R	2856		073-001850		
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4a. The following fec(s) are enclosed:  4b. Payment of Fec(s):  A check in the amount of the fec(s) is enclosed.  Publication Fee  Advance Order - # of Copies	PLEASE NOTE: Unless been previously submitted	an assignee is identified bel d to the USPTO or is being s	low, no assignee data submitted under separ	a will appear or rate cover. Com	n the patent. Inclusion of a appletion of this form is NO		ate when an assignment has ignment.
☐ Issue Fee ☐ A check in the amount of the fee(s) is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number	Please check the appropriate	assignee category or category	ries (will not be print	ted on the paten	it); 🗀 individual 🗖 i	corporation or other private g	roup entity 🚨 government
U Publication Fee  U Advance Order - # of Copies  Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS. TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.	4a. The following fec(s) are	enclosed:	4b. F	Payment of Fee	(s):		
□ Advance Order - # of Copies □ □ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number ○ (enclose an extra copy of this form).  Director for Patents is requested to apply the Issue Fce and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  (Authorized Signature) (Date)  NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.							
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.	estimated to take 12 minus completed application for case. Any comments on suggestions for reducing t Patent and Trademark ( 22313-1450, DO NOT S SEND TO: Commissioner	tes to complete, including gam to the USPTO. Time will the amount of time you r his burden, should be sent toffice, U.S. Department CEND FEES OR COMPLE for Patents, Alexandria, Virg	athering, preparing, a il vary depending up require to complete to the Chief Informa of Commerce, Ale: TED FORMS TO 1 ginia 22313-1450.	and submitting toon the individenthis form and ation Officer, Uxandria, Virgin THIS ADDRES	the ual //or /.S. inia		



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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

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PAUL S MA	DAN			RAEVIS, R	OBERT R
MADAN, MO	SSMAN &	SRIRAM, PC			
2603 AUGUST	ΓΑ, SUITE	700		ART UNIT	PAPER NUMBER
HOUSTON, T	X 77057-1	130		2856	

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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Alexandria, Virginia 22313-1450
www.uspto.gov

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PAUL S MAD			RAEVIS, R	OBERT R	
MADAN, MOS 2603 AUGUST		,		ART UNIT	PAPER NUMBER
HOUSTON, TX	,			2856	

### Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a)).............\$240.00 By other than a small entity......\$480.00

(c) Issue fee for issuing a plant patent:

By other than a small entity......\$640.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.